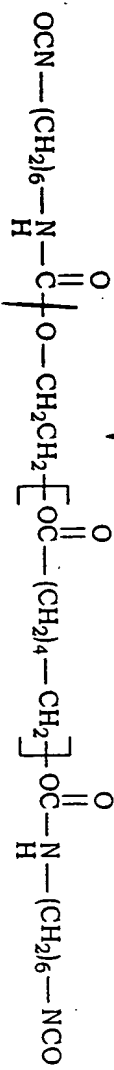
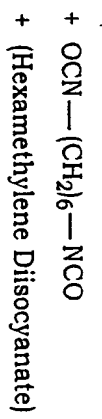
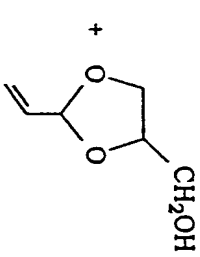


Hydroxy-Functional Polycaprolactone Polyester Oligomer

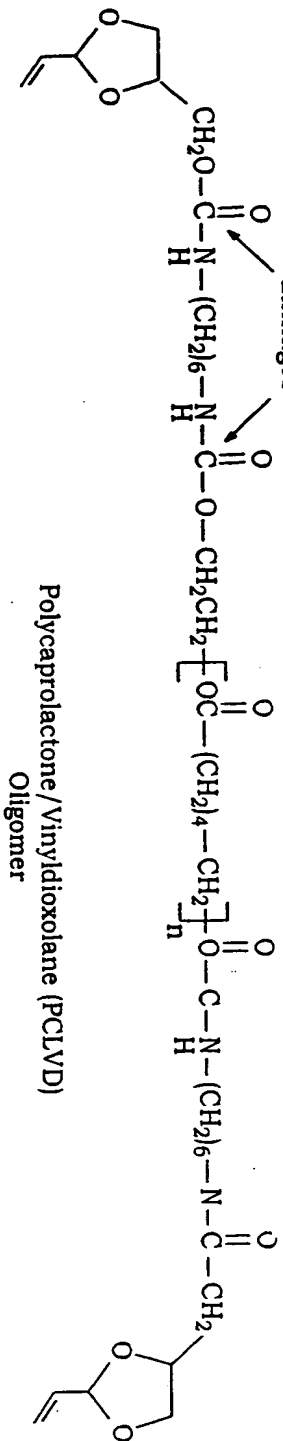


Isocyanate-Terminated Polycaprolactone Oligomer



(Hydroxymethyl Vinylidioxolane) - HMVD

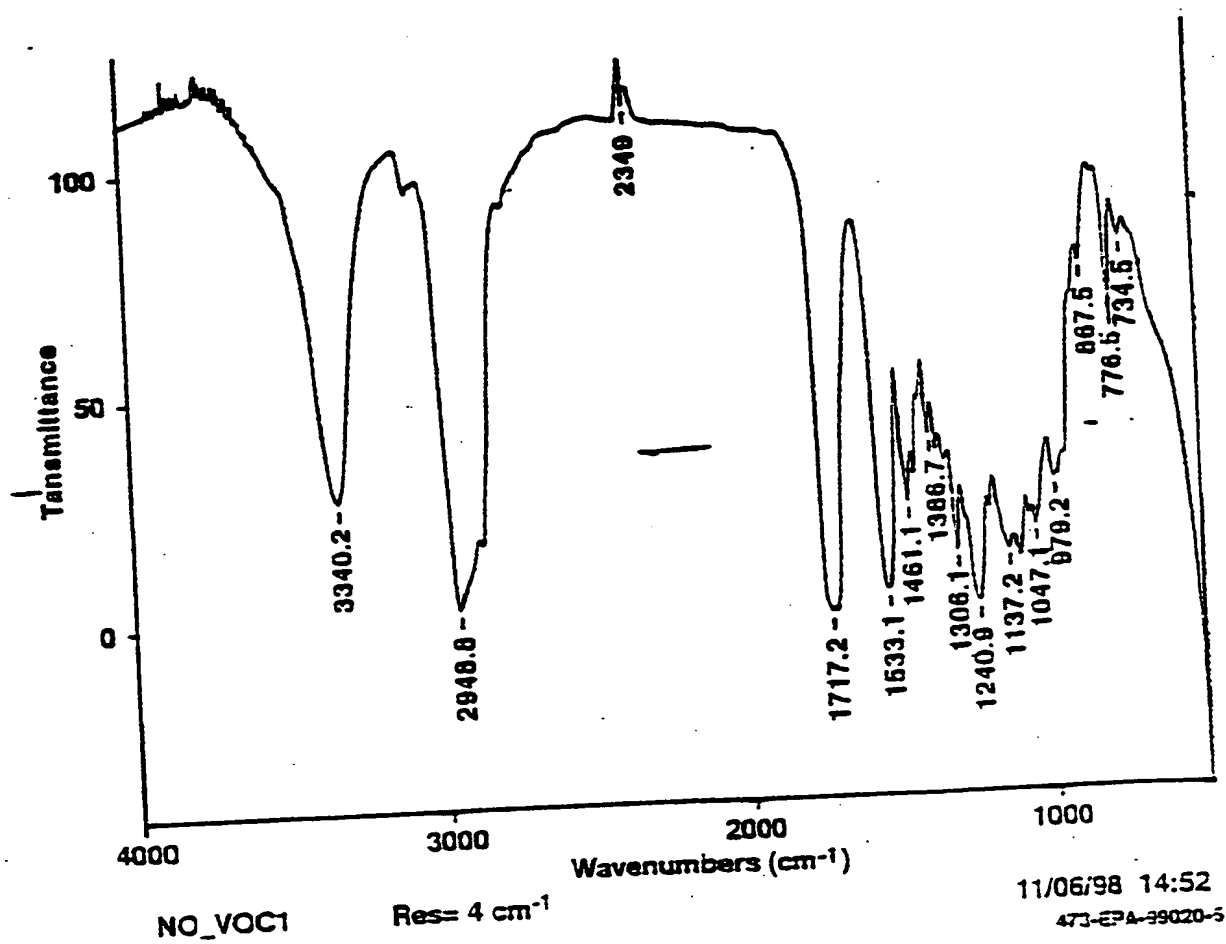
Urethane Linkages



Polycaprolactone/Vinylidioxolane (PCLVD) Oligomer

FIG. 1

101620 09227600



IR spectra of PCLVD synthesis

FIG. 3

701560 652660

Molecular Weight Distribution Curve

Weight Fraction ⁸³x10 (percent)

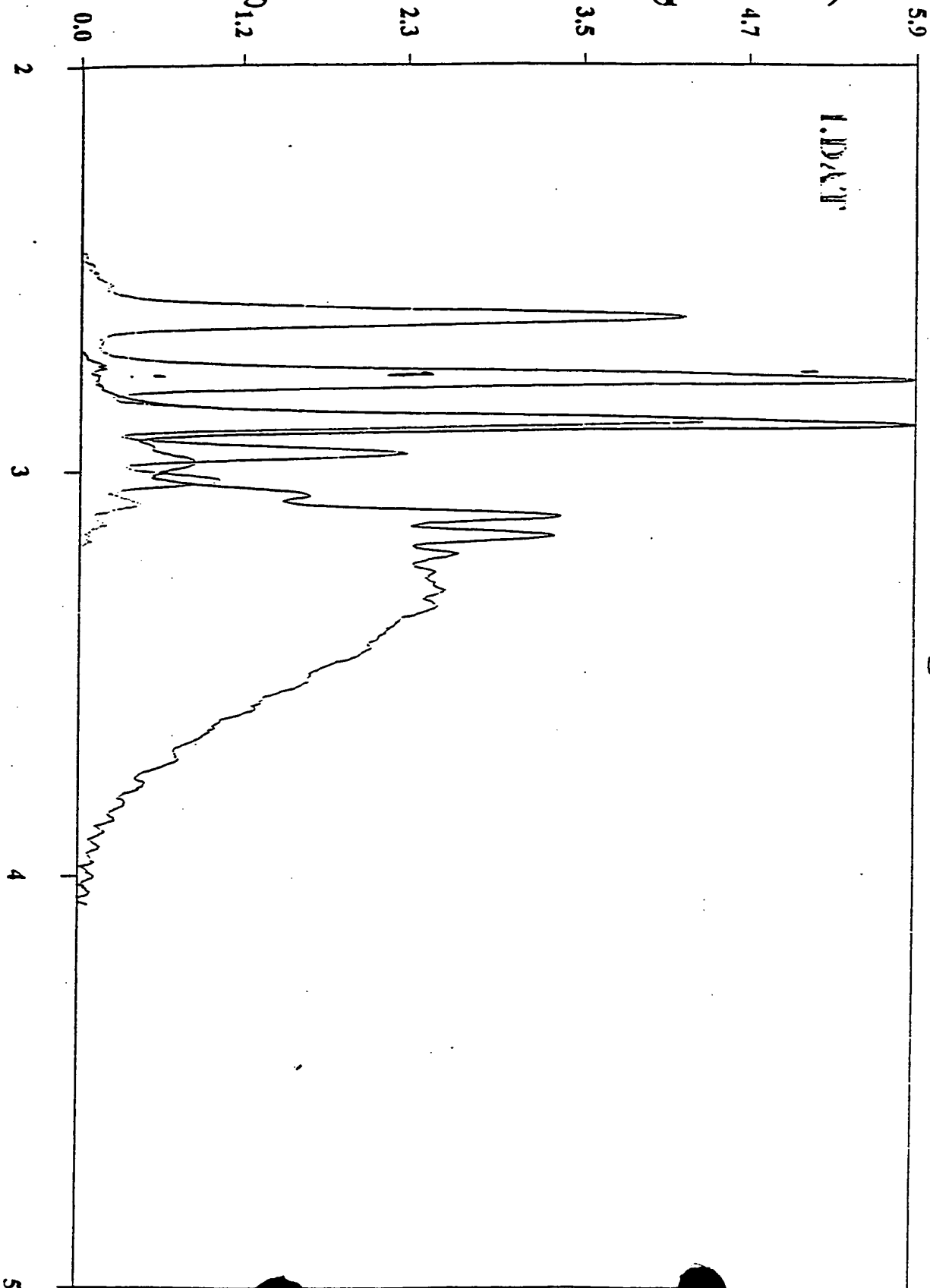


FIG. 5

log(Molecular Weight)